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ELECTROPHORESIS DISPLAY UNIT

Abstract:

PROBLEM TO BE SOLVED: To improve a contrast for a display unit by specifying an electrode arrangement and a surface shape for adsorbing colored charged migrating particles in an electrophoresis display unit, although a display area is reduced by a shielding layer for shielding electrophoretic particles.

SOLUTION: In an electrophoresis display unit having a cell provided with plural colored charged migrating particles 2 migrating between the first electrode 5 and the second electrode 6, and a transparent insulating liquid 1 filled between the first base plate 3 and the second base plate 4 and holding the plural colored charged migrating particles 2, the first electrode 5 and the second electrode 6 are positionally shifted to the direction horizontal to the second base plate 4 to be layered on the second base plate 4, the first electrode 5 and the second electrode 6 are arranged within a visible region, the surface area of the first electrode 5 viewed from the first base plate 3 side is larger than that of the second electrode 6 viewed from the first base plate 3 side, and a surface on the second electrode 6 for adsorbing the colored charged migrating particles 2 is formed into a curved surface when viewed from the first base plate 3 side.

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